

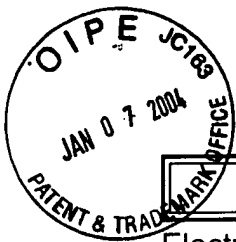


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Electronic Filing System (EFS) Data  
Electronic Patent Application Submission  
USPTO Use Only


EFS ID: 53252  
Application ID: 10680325  
Title of Invention: APPARATUS TO IMPROVE WAFER  
TEMPERTURE UNIFORMITY FOR  
FACE-UP WET PROCESSING  
First Named Inventor: IAN PANCHAM  
Domestic/Foreign Application: Domestic Application  
Filing Date: 2003-10-06  
Effective Receipt Date: 2004-01-07  
Submission Type: Information Disclosure  
Statement  
Filing Type:  
Confirmation number: 5447  
Attorney Docket Number: AMAT8024CMPECPRKK  
Total Fees Authorized: 180.0  
Payment Category: Deposit Account  
Deposit Account Number: 200782  
Deposit Account Name: ALEXANDER N. NOLTE  
Access Code: \*\*\*\*\*  
RAM Payment Status: RAM success  
RAM User ID: EFSPROD  
RAM Accounting Date: 2004-01-07  
RAM Sequence Number: 3

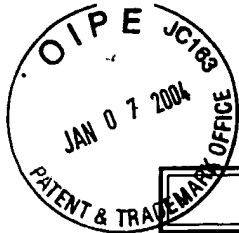
Digital Certificate Holder: cn=N. Alexander Nolte,ou=Registered Attorneys,ou=Patent and  
Trademark Office,ou=Department of Commerce,o=U.S. Government,c=US  
Certificate Message Digest: 9de72d4e4058fd74c7860f3bddde8341616f145f



# TRANSMITTAL

Electronic Version v1.1  
Stylesheet Version v1.1.0

Title of Invention	APPARATUS TO IMPROVE WAFER TEMPERTURE UNIFORMITY FOR FACE-UP WET PROCESSING															
<p>Application Number: 10/680325 </p> <p>Date: 2003-10-06</p> <p>First Named Applicant: IAN A. PANCHAM</p> <p>Confirmation Number: 5447</p> <p>Attorney Docket Number: AMAT8024CMPECPRKK</p>																
<p>I hereby certify that the use of this system is for OFFICIAL correspondence between patent applicants or their representatives and the USPTO. Fraudulent or other use besides the filing of official correspondence by authorized parties is strictly prohibited, and subject to a fine and/or imprisonment under applicable law.</p> <p>I, the undersigned, certify that I have viewed a display of document(s) being electronically submitted to the United States Patent and Trademark Office, using either the USPTO provided style sheet or software, and that this is the document(s) I intend for initiation or further prosecution of a patent application noted in the submission. This document(s) will become part of the official electronic record at the USPTO.</p>																
<table border="1"><thead><tr><th>Submitted by:</th><th>Elec. Sign.</th><th>Sign. Capacity</th></tr></thead><tbody><tr><td>ALEXANDER N. NOLTE Registered Number: 45,689</td><td>(ALEXANDER N. NOLTE)</td><td>Attorney</td></tr></tbody></table>			Submitted by:	Elec. Sign.	Sign. Capacity	ALEXANDER N. NOLTE Registered Number: 45,689	(ALEXANDER N. NOLTE)	Attorney								
Submitted by:	Elec. Sign.	Sign. Capacity														
ALEXANDER N. NOLTE Registered Number: 45,689	(ALEXANDER N. NOLTE)	Attorney														
<table><tr><td>Documents being submitted</td><td>Files</td></tr><tr><td>us-fee-sheet</td><td>AMAT8024NAN-usfees.xml</td></tr><tr><td></td><td>us-fee-sheet.xml</td></tr><tr><td></td><td>us-fee-sheet.dtd</td></tr><tr><td>us-ids</td><td>AMAT8024NAN-usidst.xml</td></tr><tr><td></td><td>us-ids.dtd</td></tr><tr><td></td><td>us-ids.xml</td></tr></table>			Documents being submitted	Files	us-fee-sheet	AMAT8024NAN-usfees.xml		us-fee-sheet.xml		us-fee-sheet.dtd	us-ids	AMAT8024NAN-usidst.xml		us-ids.dtd		us-ids.xml
Documents being submitted	Files															
us-fee-sheet	AMAT8024NAN-usfees.xml															
	us-fee-sheet.xml															
	us-fee-sheet.dtd															
us-ids	AMAT8024NAN-usidst.xml															
	us-ids.dtd															
	us-ids.xml															
Comments																

**FEE TRANSMITTAL**

Electronic Version v08

Stylesheet Version v08.0

<b>Title of Invention</b>	<b>APPARATUS TO IMPROVE WAFER TEMPERTURE UNIFORMITY FOR FACE-UP WET PROCESSING</b>										
Application Number: 10/680325 											
Date: 2003-10-06											
First Named Applicant: IAN A. PANCHAM											
Attorney Docket Number: AMAT8024CMPECPRKK											
Art Unit: 2812											
Examiner: UNKNOWN UNKNOWN											
<b>TOTAL FEE AUTHORIZED \$180</b>											
Patent fees are subject to annual revisions on or about October 1st of each year.											
<b>BASIC FILING FEE</b>											
<table border="1"><thead><tr><th>Fee Description</th><th>Fee Code</th><th>Amount \$</th><th>Fee Paid \$</th></tr></thead><tbody><tr><td>Submission Of Information Disclosure Stmt Fee</td><td>1806</td><td>180</td><td>180</td></tr></tbody></table>				Fee Description	Fee Code	Amount \$	Fee Paid \$	Submission Of Information Disclosure Stmt Fee	1806	180	180
Fee Description	Fee Code	Amount \$	Fee Paid \$								
Submission Of Information Disclosure Stmt Fee	1806	180	180								
<b>AUTHORIZED BILLING INFORMATION</b>											
The commissioner is hereby authorized to charge indicated fees and credit any overpayments to:											
Deposit account number: 200782											
Access Code *****											
Deposit name: MOSER PATTERSON SHERIDAN											
Deposit authorized name: ALEXANDER N. NOLTE											
Signature: /ALEXANDER N. NOLTE/											
Date (YYYYMMDD): 2004-01-07											



## ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

Stylesheet Version v18.0

Title of  
Invention

APPARATUS TO IMPROVE WAFER TEMPERTURE  
UNIFORMITY FOR FACE-UP WET PROCESSING

Application Number: 10/680325



Confirmation Number: 5447

First Named Applicant: IAN PANCHAM

Attorney Docket Number: AMAT8024CMPECPRKK

Art Unit: 2812

Examiner: UNKNOWN UNKNOWN

Search string: ( 6666949 or 6465765 or 6463938 or 6177661  
or 6154369 or 6066575 or 5998240 or 5966940  
or 5824599 or 5801442 or 5720818 or 4758926  
or 4432635 or 20020083960 ).pn.

### US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
	1	6666949	2003-12-23	HILLMAN, ET AL.			
	2	6465765	2002-10-15	KATAYAMA, ET AL.			
	3	6463938	2002-10-15	BRAN			
	4	6177661	2001-01-23	LEE, ET AL.			
	5	6154369	2000-11-28	MARTINEZ, JR., ET AL.			
	6	6066575	2000-05-23	REARDON, ET AL.			
	7	5998240	1999-12-07	HAMILTON, ET AL.			
	8	5966940	1999-10-19	GOWER, ET AL.			
	9	5824599	1998-10-20	SCHACHAM-DIAMOND, ET AL.			
	10	5801442	1998-09-01	HAMILTON, ET AL.			
	11	5720818	1998-02-24	DONDE, ET AL.			
	12	4758926	1988-07-19	HERRELL, ET AL.			
	13	4432635	1984-02-21	MAYER, ET AL.			

### US Published Applications

Note: Applicant is not required to submit a paper copy of cited US Published Applications

init	Cite.No.	Pub. No.	Date	Applicant	Kind	Class	Subclass
	1	20020083960	2002-07-04	WIRTH, ET AL.			

Signature

Examiner Name	Date